ADDITIONS AND CORRECTIONS TO THE LICHEN FLORA OF TAIWAN

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The following list presents additions and amendments to our checklist published in 1973. Recent publications on some pertinent groups of the lichens has stabilized specific names and solved numerous problems of synonymy both nomenclaturally and taxonomically, and we have not hesitated to adopt many of their opinions.

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Alectoria Ach.
americana Mol. (*A. jubata* Ach. var. *larestris* Auct. *non* Ach.)
confusa Awas. (*A. acanthodes* Auct. *non* Hue)

Anaptychia Körb.
angustiloba (Müll. Arg.) Kurok.
beryl (Fée) Mass. (=*A. neoleucomelaena* Kurok.; =*A. neoleucomelaena* Kurok. var. *squarrosa* (Vain.) Kurok.; =*A. neoleucomelaena* Kurok. form. *squarrosa* (Vain.) Kurok.)
dendritica (Pers.) Vain. var. **dendritica**
diademata (Tay.) Kurok. form. **brachyloba** (Müll. Arg.) Kurok.
diademata (Tay.) Kurok. form. **condensata** (Kurok.) Kurok. (=*A. ezorediata* (Vain.) DR. et Lynge form. *condensata* Kurok.)
hypocaesia Yas.
hypocbraea Vain. (=*A. podocarpa* (Bél.) Mass. var. *hypochraea* (Vain.) Sato)
incana (Stitt.) Zahlbr.
leucomelaena (L.) Mass. (=*A. ophioglossa* (Tayl.) Kurok.)
obscurata (Nyl.) Kurok. (=*A. heterochroa* Vain).
pacifica Kurok.
pandurata Kurok.
spinulosa Kurok.
subascendens Asah.
tentaculata (Zahlbr.) Kurok. (=*Physcia tentaculata* Zahlbr.)

Baeomyces Pers.
fungoides (Sw.) Ach. (=*B. roseus* (Hampe) Pers.)
sanguineus Asah.

Bombilliospora De Not.
japonica Zahlbr.

Cetrelia W. Culb. et C. Culb.
braunsiana (Müll. Arg.) W. Culb. et C. Culb.
cetrarioides (Del.) W. Culb. et C. Culb. (=*Parmelia cetrarioides* Del.)

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chicitae (W. Culb.) W. Culb. et C. Culb.
isidiata (Asah.) W. Culb. et C. Culb. (=*Cetraria sanguinea* Schaer. *ex* Moritz. form. *isidiata* Asah. *ex* Saito)
japonica (Zahlbr.) W. Culb. et C. Culb.
nuda (Hue) W. Culb. et C. Culb. (=*Cetraria collata* (Nyl.) Müll. Arg. form. *nuda* (Hue) Zahlbr.)
olivetorum (Nyl.) W. Culb. et C. Culb.
psendolivetorum (Asah.) W. Culb. et C. Culb.

Cladia Nyl.
aggregata (Sw.) Nyl. (=*Cladonia aggregata* (Sw.) Ach.)

Cladonia Wigg.
arbuscula (Wallr.) Rabh. subsp. **beringiana** Ahti (*C. sylvatica* Auct. *non* (L.) Hoffm.)
ceratophyllina (Nyl.) Vain.
tenuiformis Ahti

Coccotrema Müll. Arg.
cucurbituta (Mont.) Müll. Arg. (=*Perforaria cucurbitula* (Mont.) Müll. Arg.)

Dictyonema (Ag.) Zahlbr.
sericeum (Sw.) Berk. (=*D. thelephora* Zahlbr.)

Graphina Müll. Arg.
cleistoblephara (Nyl.) Zahlbr. (=*G. subpubicaris* Zahlbr.)

Gymnoderma Nyl.
insulare Yoshim. et Sharp ("*G. coccocarpum* Nyl." *sensu* Weng & Lai in Taiwania 18(1): 91. 1973)

Haematomma Mass.
puniceum (Sm. *ex* Ach.) Mass. subsp. **pacificum** Asah. ("*H. puniceum*" *sensu* Wang & Lai in Taiwania 18(1): 91. 1973)

Hypogymnia Nyl.
enteromorpha (Ach.) Nyl. form. **inactiva** (Asah.) Kurok.
hypotrypella (Asah.) Rass. (=*Parmelia hypotrypella* Asah.)
physodes (L.) Nyl. (=*Parmelia physodes* (L.) Ach.)
pseudophysodes (Asah.) Kurok. (=*Parmelia pseudophysodes* Asah.)
vittata (Ach.) Gas. (=*Parmelia vittata* Ach.)

Hypotrachyna (Vain.) Hale
endochlora (Leight.) Hale (=*Parmelia endochlora* Leight.)
formosana (Zahlbr.) Hale (=*Parmelia formosana* Zahlbr.)
koyaensis (Asah.) Hale (=*Parmelia koyaensis* Asah.)
laevigata (Smith) Hale subsp. **extremi-orientalis** (Asah.) J. R. Wang & M. J. Lai, *comb. nov.* (Basionym: *Parmelia laevigata* (Smith) Ach. subsp. *extremi-orientalis* Asah.)
sinuosa (Smith) Hale (=*Parmelia sinuosa* (Smith) Ach.)

Icmadophila Trev.
ericetorum (L.) Zahlbr.

Leptogium (Dicks.) Nyl.
azureum (Sw.) Mont.
menziesii Mont.

Lobaria (Schreb.) Hoffm.
meridionalis Vain. var. **subpiana** (Asah.) Yoshim. (=*L. pulmonaria* (L.) Hoffm. var. *meridionalis* (Vain.) Zahlbr. form. *subpiana* Asah.)
orientalis (Asah.) Yoshim. (=*L. gyrophorica* Yoshim.)

Megalospora Mey. et Fet.
nipponensis Asah. (*M. sulphurata* Auct. *non* Mey. et Fut.)

Meuegazzia Nyl.
asahinae (Yas.) Saut. (=*Parmelia asahinae* Yas.)

Ochrolechia Mass.
trochophora (Vaiu.) Oshio

Pannaria Del.
microphylla (Sw.) Mass. (=*Parmeliella microphylla* (Sw.) Müll. Arg.)

Parmelia
adaugescens Nyl.
adducta Nyl. (=*P. manilensis* Kurok.; =*P. spectabilis* Asah.)
clavulifera Rüs. (*P. cetrata* Auct. *non* Ach.)
fertilis Müll. Arg. (=*P. subdivaricata* Asah.)
mellissii Dodge (=*P. arnoldii* Auct. *non* Du Rietz)
squarrosa Hale (*P. saxatilis* Auct. *non* (L.) Ach.)
sebertelta Nyl. (=*P. subrinctoria* Zahlbr.)

Peltigera Willd.
leucophlebia (Nyl.) Gyel. form. **variolosa** (Mass.) Gyel. (=*P. aphthosa* (L.) Willd. var. *variolosa* (Mass.) Tharnson)
subiucusa (Gyel.) Inum. (=*P. dolichorrhiza* Nyl. form. *subincusa* Gyel.)

Platismatia W. Culb. et C. Culb.
erosa W. Culb. et C. Culb. (=*Cetraria formosana* Zahlbr. var. *isidiata* Zahlbr.)

Pilophorus Th. Fr.
balli (Tuck.) Vain. (=*P. japonicum* Zahlbr.)

Ramalina Ach.
sinensis Jatta (*R. asahinana* Zahlbr.)

Relicina (Hale et Kurok.) Hale
abstrusa (Vaiu.) Hale (=*Parmelia abstrusa* Vain.)
malesiana (Hale) Hale (=*Parmelia malesiana* Hale)
planiuscula (Kurok.) Hale (=*Parmelia planiuscula* Kurok.)
subabstrusa (Gyel.) Hale (*Parmelia subabstrusa* Gyel.)
sydneyensis (Gyel.) Hale (=*Parmelia sydneyensis* Gyel.)

Umbilicaria Hoffm.
asiae-orientalis (Asah.) Sato (=*Lasallia asiae-orientalis* Asah.)
mayebarae Sato (=*Lasallia mayebarae* (Sato) Asah.)
pennsylvanica Hoffm.

Usnea P. Br. *ex* Adans.
aciculifera Vain.
pauglana Stirt. subsp. **hondoensis** (Asah.) Asah.

LITERATURE CITED

WANG-YANG, J. R. & M. J. LAI, 1973. A checklist of the lichens of Taiwan. -Taiwania 18(1): 83-104.